This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

AAV-MCK-mini-dystrophin

-(PolyA)-ITR

Dystrophin minigene

ITR MCK Promoter —

AAV-CMV-mini-dystrophin

PolyA TTR

Dystrophin minigene

ITR CMV Promoter -



Dystrophin minigene constructs

Human dystrophin coding sequence 11058bp

DysM3 (3700bp) Δ3849 Δ3531 Δ3510 Δ3447 Δ2796 Δ3990 Δ4173 N Hii R1 | R2 | R3 | R22 | R23 | R24 | H4 | CR N HA R1 R2 H3 R22 R23 R24 H4 GR N H1 R1 R2 R22 R23 R24 H4 CR N H1 R1 R2 R3 R24H4 CR ■N 第7 R1 R2 R23 R24 [44] CR ら N H7 R1 R24 H4 CR N HARA HACK



mdx+∆3990 $mdx+\Delta 3849$

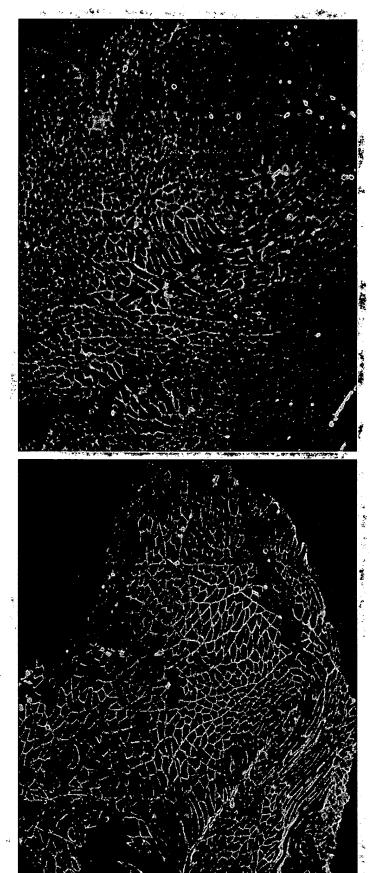
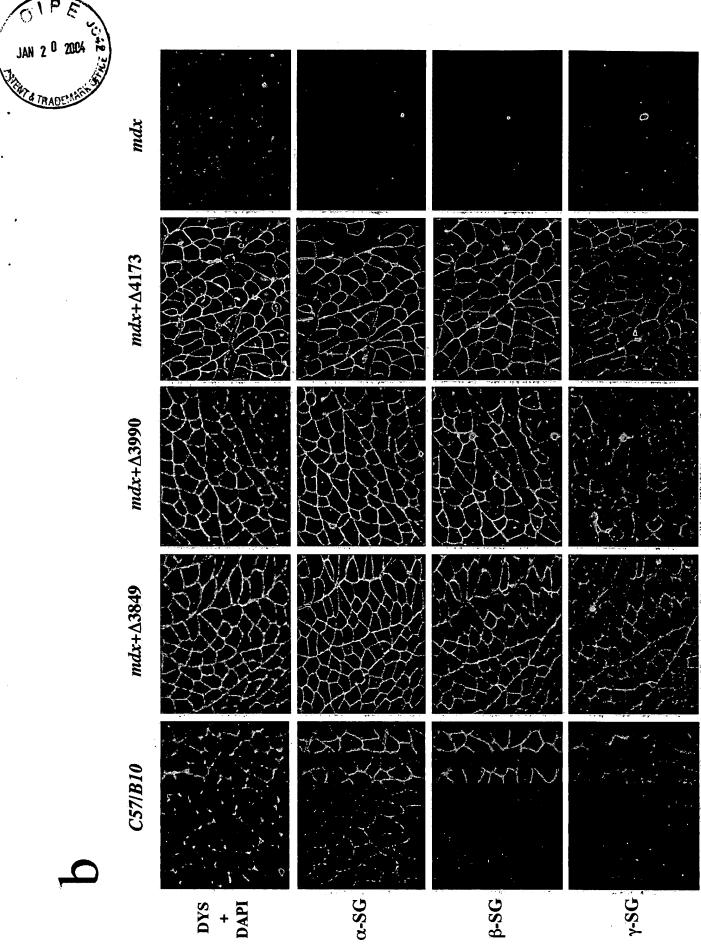
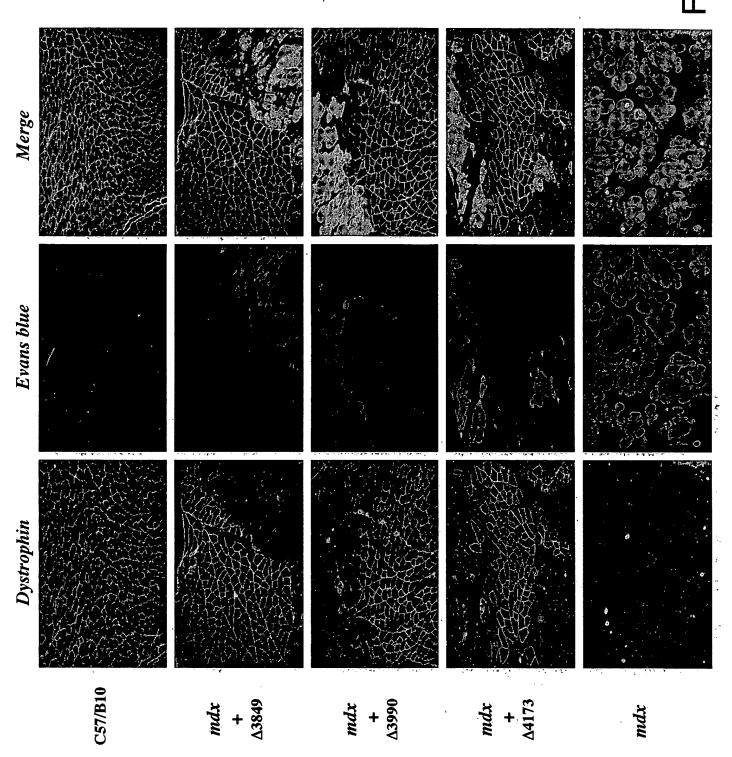


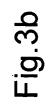
Fig.2a



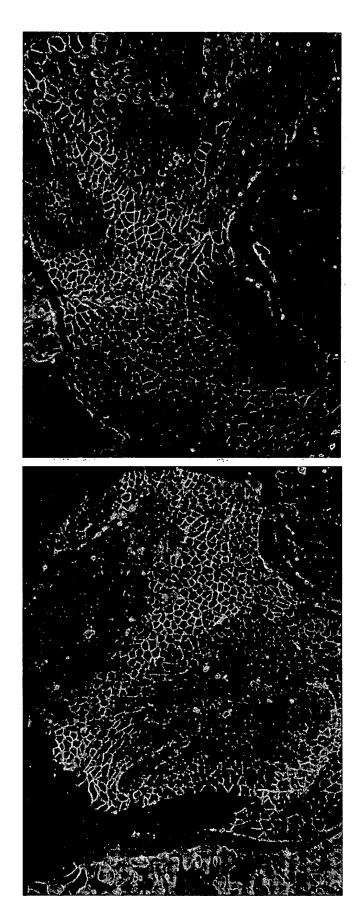




a







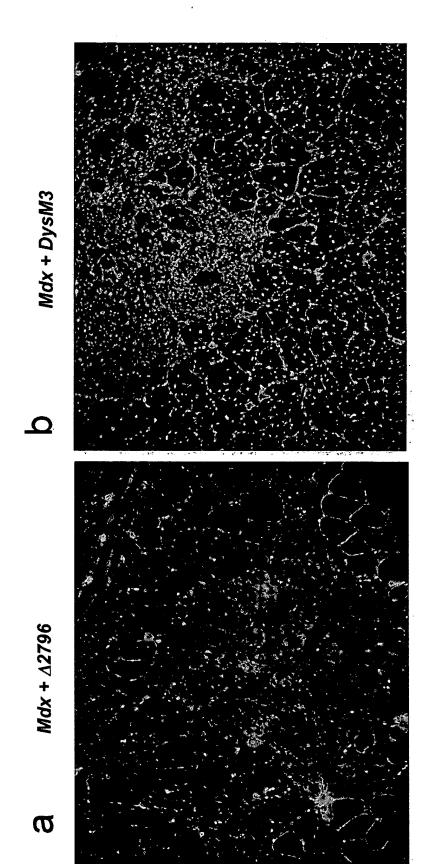


Fig.4

Lengthening Activation

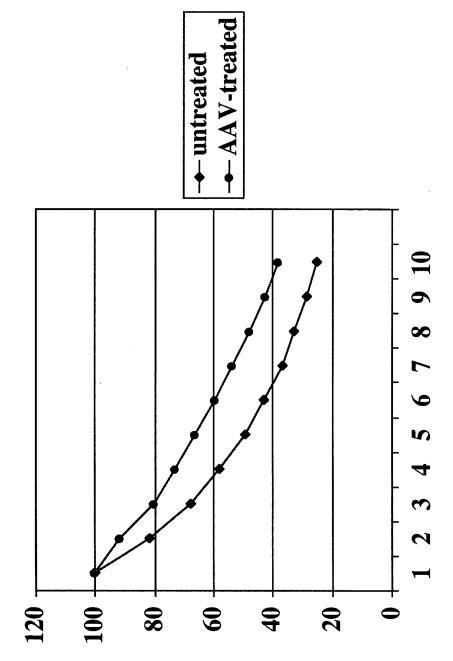


Fig.5